

Amendments to the Claims:

Please amend the following claims:

1. (currently amended) An enhanced services system comprising:

a host protocol file comprising a plurality of configuration commands and associated host protocols, wherein each configuration command pertains to a operation capable of being performed in a host and the associated host protocol comprises protocol data for generating a respective host-specific protocol provisioning message capable of being recognized by the host for executing the respective configuration command, wherein the host is a device capable of processing digital video data and is associated with a host type;

a processor capable of receiving provisioning data using a first interface, the provisioning data including a service identifier and a subscriber identifier, the processor capable of using the subscriber identifier to ascertain the host type indicating a manufacturer and a model of the host, the processor capable of retrieving a the host protocol file associated with the host type using a second interface and deriving a the respective host-specific protocol provisioning message by selecting one of the protocol data in the host protocol associated with the one of the configuration commands wherein the one of the configuration commands is determined by the service identifier, using the host protocol file, wherein the host file comprises a protocol file containing host specific configuration commands used by the processor for deriving the host specific provisioning message, the processor capable of transmitting the respective host-specific protocol provisioning message to a the host using a third interface operatively connected to a digital communication network wherein the digital communication network is further connected to the host; and

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a memory storage operatively connected to the second interface, capable of storing the host file, the host file further associated with both a host type and the service identifier, the memory storage further capable of storing an association between the host and a host address associated with the host, and further storing an association between host and the host type, the memory storage further capable of providing the host protocol file to the processor in response to ~~a~~ the request from the processor.

2. (original) The system of claim 1 wherein the provisioning data received using the first interface is from a billing system.

3. (original) The system of claim 2 wherein the service identifier is a billing code.

4. (original) The system of claim 1 wherein the provisioning data received using the first interface is from a provisioning input system.

5. (currently amended) The system of claim 1 wherein the processor derives the respective host-specific provisioning message dynamically using a service parameter data file associated provided with the service identifier.

6. (currently amended) The system of claim 2 wherein the processor derives the respective host-specific provisioning message statically by extracting the host-specific provisioning message from the host protocol file.

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7. (currently amended) The system of claim 1 wherein the digital communication network is a cable ~~service~~ network.

8. (original) The system of claim 1 wherein the host is integrated in a digital television.

9. (currently amended) The system of claim +8 wherein the host type ~~is associated with~~ indicates a host manufacturer and a host model of the host manufacturer.

10. (original) The system of claim 1 wherein the host address is a MAC address.

11. (original) The system of claim 1 wherein the request from the processor to the memory storage includes the host address and the service identifier.

12. (currently amended) The system of claim 1 wherein the request from the processor to the memory storage includes a subscriber identifier, wherein the subscriber identifier ~~comprising~~ comprises one from the group of subscriber account number, subscriber telephone number, subscriber name, and host identifier.

13. (original) The system of claim 1 wherein the memory storage stores a table associating a subscriber identifier to one or more host addresses.

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14. (original) The system of claim 1 wherein the memory storage stores a table associating a subscriber identifier to one or more host types.

15. (original) The system of claim 1 wherein the third interface is operatively connected to a cable headend, the cable headend further operatively connected to the digital communication network.

16. (currently amended) The system of claim 13 wherein the processor transmits the respective host-specific provisioning message using the host address as a destination address for the host-specific message.

17. (current amended) The system of claim 1 wherein the service identifier results in the respective host-specific provisioning message configuring an enhanced cable service.

18. (currently amended) The system of claim 1 wherein the respective host-specific provisioning configuration message is transmitted to the host on the digital communication network using an out-of-band channel.

19. (currently amended) The system of claim 1 wherein the respective host-specific provisioning configuration message is transmitted to the host on the digital communication network using a DOCSIS based channel.

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20. (currently amended) The system of claim 1 wherein the host-specific provisioning configuration message commands the host to tune to an indicated channel to receive additional provisioning messages.

21. (original) The system of claim 1 wherein the service identifier is associated with one from the group of a digital video programming recording service, a telephony service, and a high speed Internet access service.

22. (currently amended) An enhanced services system comprising:  
a processor having a first interface, the processor capable of receiving an activation message, the processor capable of retrieving a host protocol file using a first interface in response to the activation message by ascertaining a host type associated with the activation message wherein the host protocol file comprises a plurality of configuration commands and associated host protocol data, each configuration command pertaining to an operation capable of being performed in a host and each associated host protocol data defining protocol data recognized by the host for executing the respective configuration command, the processor capable of selecting one of the host protocol data and deriving a host-specific protocol configuration message and transmitting a the host-specific protocol configuration message to a the host using a second interface wherein the host protocol data file comprises a protocol file containing host specific configuration commands is used by the processor to derive the host-specific configuration message; and

a memory storage operatively connected to the first interface, capable of storing the host protocol file comprising the host protocol data configuration message, the host protocol file associated with both the a host type and the configuration command associated with a service identifier, the memory storage further capable of storing an association between a host address of the host and the host type, the memory storage further capable of providing the host protocol file to the processor in response to a request from the processor.

23. (currently amended) The system of claim 22 wherein the activation message is received from a the host, the activation message further including a host identifier.

24. (original) The system of claim 23 wherein the activation message further includes a host type identifier.

25. (currently amended) The system of claim 23 wherein the host identifier comprises a the host address.

26. (currently amended) The system of claim 22 wherein the activation message is received from a provisioning system, the activation message further includes including a transaction reference number identifying a previously indicated provisioning transaction.

27. (currently amended) The system of claim 22 wherein the host specific protocol configuration message is a legacy-based configuration or command message.

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28. (currently amended) The system of claim 22 wherein the host-specific protocol configuration message is associated with a specific host type.

29. (currently amended) The system of claim 22 wherein the host type identifies is associated with a host manufacturer identifier and a host model of the host manufacturer identifier.

30. (currently amended) The system of claim 22 further comprising:  
a cable network operatively connected to the second interface, the cable network receiving the activation message from ~~a~~ the host and conveying the activation message to the processor, the cable network further receiving the host-specific protocol configuration message and conveying the host-specific protocol configuration provisioning message to the host.

31. (currently amended) The system of claim 30 wherein a cable headend receives the host-specific protocol configuration message, the cable headend connected to the cable network.

32. (currently amended) The system of claim 30 wherein the host-specific protocol configuration message is sent out-of-band.

33. (currently amended) The system of claim 30 wherein the host-specific protocol configuration message is sent using a DOCSIS based channel.

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34. (original) The system of claim 22 wherein the host type is determined using a host identifier in the activation message.

35. (currently amended) The system of claim 22 where the host protocol file is determined in part by a service identifier indicated to the processor by a provisioning input system.

36. (currently amended) The system of claim 22 wherein the host-specific protocol configuration message configures the host for a digital video programming service provided on a cable network.

37. (currently amended) The system of claim 22 where the host-specific protocol configuration message is an enhanced services configuration message.

38. (currently amended) The system of claim 22 further comprising:  
a billing system operatively connected to the process processor capable of receiving a second provisioning message comprising a the host address and an indication that the host-specific protocol configuration message was transmitted to the host.

39. (currently amended) The system of claim 22 wherein the host-specific protocol configuration message indicates to the host to tune to another channel to receive in-band data.

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40. (currently amended) The system of claim 39 wherein the in-band data comprises either application software or audio data.

41. (currently amended) The system of claim 22 wherein the host-specific protocol configuration message enables a host to decode video programming signals.

42. (currently amended) The system of claim 22 wherein the host-specific protocol configuration message enables the host to receive data from the Internet.

43. (original) The system of claim 22 wherein the host is integrated in a digital television.

44. (original) The system of claim 22 wherein the host is embodied in a set top box.

45. (currently amended) An enhanced services system comprising:  
a host protocol file comprising a plurality of configuration commands and a plurality of associated host protocols, wherein each of plurality of configuration commands pertains to a respective operation capable of being performed in a host and each of the respective host protocols comprises protocol data for generating a host-specific configuration command message capable of being recognized by the host for executing the configuration command, wherein the host is a device capable of processing digital video data and is associated with a host type;  
a processor capable of receiving both a host protocol file comprising a host specific protocol file associated with a host type and a service data file comprising service related

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parameters for ~~an identified~~ a service identified by a service identifier wherein the service is provided over a cable network, the processor capable of selecting one of the host protocols using the service identifier ~~processing the host file and the service data file~~ to produce ~~at least one~~ the host-specific protocol configuration message for configuring ~~a~~ the host ~~for the identified service~~; and

a database operatively connected to the processor, the database storing the host protocol file, further storing an association of the host protocol file with ~~a~~ the host type, ~~the service data file~~, and further storing an association of the service data file with ~~a~~ the service identifier, the processor capable to providing the host protocol file to the processor in response to a request.

46. (previously presented) The system of claim 45 further comprising a cable headend, operatively connected to the processor, capable of receiving the ~~at least one~~ host-specific configuration message.

47. (currently amended) The system of claim 46 ~~further comprising a cable distribution network, wherein the cable network is~~ operatively connected to the cable headend [,] and is capable of receiving conveying the ~~at least one~~ host-specific configuration message to the host.

48. (currently amended) The system of claim 47 ~~further comprising a~~ the host [,] is operatively connected to the cable distribution network, the host identified by ~~the~~ a host address.

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49. (original) The system of claim 45 wherein the identified service corresponds to a billing code.

50. (currently amended) The system of claim 45 wherein the host protocol file is further associated with ~~a~~ the service identifier.

51. (currently amended) The system of claim 45 wherein the host type is associated with both a digital television host manufacturer and a digital television host model of the host manufacturer.

52. (currently amended) The system of claim 45 wherein the server processor is ~~capable of receiving a service identifier associated with a service provided on a cable network, the server further capable of communicating further communicates~~ the service identifier to the database. ; the database further associating the service identifier to the host file.

53. (currently amended) The system of claim 52 wherein the service identifier is sent from a billing system operatively connected to the processor server.

54. (currently amended) The system of claim 52 wherein the service identifier is sent from a provisioning input system operatively connected to the processor server.

55. (currently amended) A provisioning system comprising:

a server receiving a host protocol file comprising a plurality of configuration commands and associated host protocols wherein each configuration command pertains to an operation capable of being performed in a host and each associated host protocol comprises protocol data for generating an associated host-specific protocol configuration command, wherein the host is a device capable of processing digital video data and is associated with a host type indicating a manufacturer and a host model of the manufacturer; ~~configuration message associated with a certain host type~~, the server receiving a host profile file comprising feature descriptors of the certain host type, the server receiving a service parameter data file associated with a certain service provided on a cable network, the server displaying to a user ~~the feature descriptors host feature data~~ from the host profile file, receiving user input, and processing the service data file, the user input, and the host protocol file to produce at least one host-specific protocol configuration message; and

a memory for storing the at least one host-specific protocol configuration message, the memory associating the host-specific protocol configuration message with a service identifier and the ~~certain~~ host type.

56. (currently amended) The system of claim 55 wherein at least one host-specific protocol configuration message is a legacy configuration message enabling ~~a~~ the host to decode and decrypt a channel containing a video programming channel.

57. (currently amended) The system of claim 55 wherein the input from the user provides data to define operation of the ~~certain~~ service on ~~a~~ the cable network system.

58. (currently amended) The system of claim 55 wherein the ~~certain~~ service is associated with a billing code.

59. (original) The system of claim 55 wherein the service data parameter file includes network default parameters.

60. (currently amended) A system comprising:

an enhanced services server capable of generating a request for requesting a host protocol file, the request comprising associated with a first host identifier and a service indicator, the host protocol file comprising a plurality of configuration commands and respectively associated host protocol data, wherein each configuration command pertains to an operation capable of being performed in a host and each respective host protocol data comprises protocol data for generating a host-specific protocol command message capable of being recognized by the host for executing the configuration command wherein the enhanced services server selects one of the plurality of configuration commands and associated respective host protocol data from the host protocol file based on a service indicator, the enhanced services server generating the host-specific protocol command message and transmitting the at least one host-specific protocol command configuration message used by the enhanced services server to configure a the host for a service associated with the service indicator, wherein the host is a device capable of processing digital video data and is associated with a host type; and

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an enhanced services database operatively connected to the enhanced services server, the enhanced services database capable of receiving the request comprising the first identifier and the service indicator from the enhanced services server, the enhanced services database identifying a host type associated with the first host identifier and retrieving the host protocol file from a memory ~~wherein the host file is associated with both the host type and the service indicator~~, the enhanced services database communicating the host protocol file to the enhanced services server.

61. (original) The system of claim 60 further comprising:

a billing system operatively connected to the enhanced services server capable of communicating the service indicator and the first identifier to the enhanced services server.

62. (currently amended) The system of claim 60 wherein the first host identifier comprises a host address.

63. (currently amended) The system of claim 60 further comprising:

a cable distribution network operatively connected to the enhanced services server and capable of conveying the receiving the at least one host-specific protocol command configuration message transmitted by the enhanced services server.

64. (currently amended) The system of claim 60 wherein the host protocol data file comprises a XML data host protocol file and a host profile file.

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65. (currently amended) The system of claim 60 wherein the host-specific command message instructs a host to execute application software downloaded to the host. ~~host file comprises application software to be downloaded to a host.~~

66. (currently amended) The system of claim 60 wherein the first host identifier is associated with a digital television, particular host brand associated with a manufacturer of the host.

67. (currently amended) The system of claim 60 wherein the service pertains to one of a personal video recording service, a telephony-related service, a ~~music~~ video on demand service, and a high speed data service.

68. (currently amended) The system of claim 60 wherein the ~~enhanced~~ service is associated with a billing code in a cable billing system.

69. (currently amended) The system of claim 68 wherein the enhanced services server conveys the host-specific protocol command configuration message to the host using a DOCSIS channel.

70. (currently amended) The system of claim 60 further comprising:

a cable headend, operatively connected to the enhanced services server, the cable headend capable of receiving conveying the host-specific protocol command message host protocol file from the enhanced services server.

71. (currently amended) The system of claim 60 ~~further comprising a~~ wherein the host is connected to the cable headend, and the host capable of receiving the host-specific protocol command message at least part of the host protocol file from the enhanced services server.

72. (currently amended) The system of claim 71 wherein the host is capable of identifying itself to the cable headend thereby triggering communication of the host-specific protocol command message file to the host.

73. (currently amended) The system of claim 72 wherein the host is capable of identifying itself to the cable headend upon application of power to the host ~~by a cable subscriber~~.

74. (currently amended) The system of claim 60 wherein the host is capable of identifying itself to the cable headend triggering the communication of the host protocol file from the enhanced services database to the enhanced services server.

75. (original) The system of claim 60 further comprising:  
a billing system operatively connected to the enhanced services server, the billing system capable of communicating a billing code to the enhanced services server.

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76. (original) The system of claim 75 wherein the billing system is capable of receiving a billing code from a provisioning input system.

77. (original) The system of claim 60 further comprising:

a billing system operatively connected to the enhanced services server, the billing system capable of receiving a service identifier from the enhanced services server.

78. (currently amended) A system for provisioning a cable system with service related information, comprising:

a host protocol file comprising at least one configuration command and an associated host protocol, wherein the configuration command pertains to an operation capable of being performed in a host and the host protocol comprises protocol data capable of being recognized by the host for executing the operation, wherein the host is a device capable of processing digital video data and is associated with a host type, the host further identified by a host address;

a billing processing system capable of storing a billing code associated with a service, the billing system capable of transmitting the billing code over an interface; and

an enhanced services system operatively connected to the interface to communicate with the billing processing system, the enhanced services system comprising a server and database, the enhanced services system capable of receiving the billing code, the enhanced services server retrieving the host protocol file stored in the database and selecting the at least one host protocol associated with the at least one configuration command from the host protocol file based on the

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billing code, the enhanced services server deriving at least one host-specific protocol configuration message for configuring the host using the at least one host protocol file, the enhanced services service transmitting the at least one host-specific protocol configuration message to the host , the database capable of storing a plurality of host files wherein each the host protocol file is associated in association with a the host type, and further wherein the host file comprises host specific protocol configuration messages for communicating with the host, the database further capable of storing a file listing the identifying the host type associated with the host address of the host. addresses, wherein each host address is associated with a host.

79. (original) The system of claim 78 further comprising:

a provisioning input computer system operatively connected to at least one of the billing processing system or the enhanced services system providing a service indication associated with the billing code.

80. (currently amended) The system of claim 78 wherein the host protocol file further comprises at least one from the group of application software to be communicated to the host and parameters to be configured in the host.

81. (original) The system of claim 78 further comprising:

a local area network operatively connecting the billing processing system and the enhanced services system.

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82. (currently amended) The system of claim 78 wherein the host type is identified by an identifier corresponding identifies the manufacturer of the host and the model, to a particular host model of a host manufacturer.

83. (original) The system of claim 78 wherein the enhanced services system stores a service script in a memory, the service script associated with a service code.

84. (currently amended) The system of claim 78, further comprising:  
a cable headend operatively connected to a cable distribution network, the cable headend operatively connected to the billing system and the enhanced services system, the cable headend capable of conveying the receiving the host file at least one host-specific protocol configuration message from the enhanced services system.

85. (currently amended) The system of claim 78 further comprising:  
a wherein the host is operatively connected to the cable distribution network, the host capable of receiving the host file.

86. (currently amended) The system of claim 80 wherein the host comprises a memory for storing the at least one host-specific protocol configuration message and a processor for executing the at least one host-specific protocol configuration message, host file and a processor for executing the host file.

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87. (currently amended) A system for provisioning comprising:

a host, capable of receiving one or more host-specific protocol messages ~~a configuration message upon subsequent to activation of the host;~~

a cable distribution network, operatively connected to the host, capable of transmitting the ~~configuration message~~ one or more host-specific protocol messages to the host;

a cable headend, operatively connected to the cable distribution network, the cable headend capable of transmitting the one or more host-specific protocol messages ~~configuration message~~ to the cable distribution network;

a host protocol file comprising a plurality of commands and associated host protocols,  
wherein each command pertains to a one or more operations capable of being performed in the host and the respective host protocol comprises protocol data for generating the one or more host-specific protocol messages capable of being recognized by the host for executing the associated command, wherein the host is a device capable of processing digital video data and is associated with a host type wherein the host type comprises a host manufacturer identifier identifying a host manufacturer and a host model identifier associated with the host manufacturer; and

an enhanced services system storing ~~a plurality of host files wherein each host file comprises a protocol file containing host specific configuration commands~~ the host protocol used by the processor to derive the one or more host-specific messages ~~protocol configuration message~~, the enhanced services system further associating ~~a~~ the host type and a service identifier with the host protocol file ~~each host file, wherein the host type comprises a host manufacturer identifier and a host model identifier associated with the host manufacturer~~, the enhanced

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services system further associating a host address of the host with the host type, the enhanced services system selecting one of the plurality of the host protocols file from the plurality of host files based on part the using a service identifier identifying a command in the host protocol file, the enhanced services system generating the one or more host-specific messages determining the host specific protocol configuration message from the selected one of the plurality of host protocols file and transmitting the one or more host-specific messages host specific protocol configuration message to the cable headend.

88. (currently amended) The system of claim 87 wherein the one or more host-specific protocol messages host specific protocol configuration message enables a host to process a video programming service.

89. (original) The system of claim 87 wherein a provisioning input system provides provisioning data to the enhanced services system.

90. (currently amended) A method for provisioning a host comprising:  
receiving at an enhanced services system a service identifier and a first identifier associated with a specific host wherein the host is device capable of processing digital video data and is associated with a host type;  
determining a the host type using the first identifier, the host type determined in part by accessing a table in a memory associating the first identifier with the host type wherein the host type is associated with both a host manufacturer identifier and a host model identifier;

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retrieving a host protocol file from ~~a the~~ memory using the host type wherein the host protocol file comprises at least one configuration command and an associated host protocol, wherein the configuration command pertains to an operation capable of being performed in the host and the host protocol comprises protocol data for generating a host-specific protocol configuration message recognized by the host for executing the configuration command, wherein the host protocol file is associated with both the host type and the service identifier, wherein the host file further comprises a ~~protocol~~ file containing host specific configuration commands used by the processor to derive a host specific configuration message;

~~determining~~ deriving the host-specific protocol configuration message from the host protocol file by using the service identifier to select the configuration command from the host protocol file; and

sending the host-specific protocol configuration message from the enhanced services system to ~~a the~~ host.

91. (original) The method of claim 90 further comprising:

receiving at a billing system the service identifier and the first identifier from a provisioning input system; and

sending the service identifier and the first identifier to the enhanced services system.

92. (original) The method of claim 91 wherein the first identifier comprises either a subscriber identifier or a host identifier.

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93. (currently amended) The method of claim 90 wherein the host type identifies a manufacturer and a model of the manufacturer ~~host specific configuration commands are based on the host type.~~

94. (currently amended) The method of claim 93 wherein the enhanced services system determines the host-specific protocol configuration message dynamically from the host protocol file.

95. (currently amended) The method of claim 94 wherein the enhanced services system uses the service identifier to determine retrieve a file comprising service parameter data used in part to determine the host-specific protocol configuration message.

96. (currently amended) The method of claim 93 wherein the enhanced services system determines the host-specific protocol configuration message statically from the host protocol file.

97. (previously presented) The method of claim 90 wherein the host-specific protocol configuration message is a legacy based message, wherein the legacy based message is capable of configuring a plurality of host types.

98. (previously presented) The method of claim 90 wherein the host-specific protocol configuration message configures the host for an enhanced video programming service.

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99. (currently amended) The method of claim 90 wherein the step of sending the host-specific protocol configuration message from the enhanced services server to the ~~specific~~ host comprises sending the host-specific protocol configuration message from the enhanced services server to a cable headend, the cable headend sending the host-specific protocol configuration message over a cable network to the ~~specific~~ host.

100. (currently amended ) The method of claim 90 further comprising:  
~~generating~~ transmitting an activation message from the host, the activation message comprising a host address;  
determining the first identifier based on the activation message from the host.

101. (currently amended) The method of claim 90 further comprising:  
associating the first identifier identification number with a transaction reference number  
in the enhanced service system prior to activation of the host; and  
generating an activation message from the host to the cable headend, the activation message comprising a transaction reference number; and  
ascertaining the first identifier by using the transaction reference number to look up the first identifier in a memory.

102. (original) The method of claim 101 further comprising:  
determining a provisioning transaction maintained in the memory of the enhanced services system, the provisioning transaction associated with the transaction reference number.

103. (original) The method of claim 90 wherein the host is integrated with one of the group of digital television, personal video recorder, cable set top box, video game console, cable modem, home gateway, and personal computer.

104. (currently amended) The method of claim 90 wherein the host-specific protocol configuration message enables the host to receive application software.

105. (original) The method of claim 90 wherein the configuration message is sent using one of the group of DOCSIS based channel, out-of-band channel, and in-band channel.

106. (currently amended) A method for provisioning a host comprising:  
receiving at an enhanced services system a service identifier and a first identifier associated with a specific host wherein the host is a device capable of processing digital video data and is associated with a host type indicating a manufacturer and a model of the manufacturer;

storing the service identifier and the first identifier in a provisioning transaction file in a memory;

associating the provisioning transaction file with a second identifier;

receiving an activation message at the enhanced services system including the second identifier;

retrieving the provisioning transaction file from memory;

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determining ~~a~~ the host type using the first identifier, the host type determined in part by accessing a table in the memory associating the first identifier with the host type ~~wherein the host type is associated with both a host manufacturer identifier and a host model identifier;~~

retrieving a host protocol file from the memory wherein the host protocol file is associated with ~~both~~ the host type ~~and the service identifier, wherein the host protocol file comprises at least one configuration command and an associated host protocol, wherein the the at least one configuration command pertains to an operation capable of being performed in the host and the at least one host protocol comprises protocol data for generating a host-specific protocol message capable of being recognized by the host for executing the configuration command~~ wherein the host file further ~~comprises a protocol file containing host specific configuration commands used by the processor to derive a configuration message;~~

selecting a specific configuration command from the host protocol file using the service identifier;

deriving the host-specific protocol configuration message using ~~from the host protocol data associated with the specific configuration commandfile; and~~

sending the host-specific protocol configuration message from the enhanced services system to the ~~a~~ host.

107. (original) The method of claim 106 wherein the activation message is generated by the host.

108. (original) The method of claim 107 wherein the second identifier comprises at least one of a host address or a transaction reference number.

109. (original) The method of claim 106 further comprising:

receiving at a provisioning input system the service identifier and the first identifier; and  
sending the service identifier and the first identifier to the enhanced services system.

110. (original) The method of claim 107 wherein the first identifier is a host address.

111. (original) The method of claim 107 wherein the first identifier is a subscriber identifier.

112. (currently amended) The method of claim 107 wherein the first identifier comprises is  
host identifier in the form of a host serial number.

113. (currently amended) A method for provisioning comprising:

retrieving a host protocol file by a processor wherein the host protocol file comprises a  
plurality of commands and associated host protocol, wherein each of the plurality of commands  
pertains to an operation capable of being performed in a host and the associated host protocol  
comprises protocol data for generating an associated host-specific protocol configuration  
message capable of being recognized by the host for executing the associated command,  
wherein the host is a device capable of processing digital video data and is associated with a host  
type host specific protocol configuration commands used by the processor for deriving a host-  
specific protocol configuration message;

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the processor displaying at least one service parameter option associated with a service to a user;

receiving input from the user regarding the service parameter option;

generating the host-specific protocol configuration message determined by the input received by the processor from ~~a the user that selects a value associated with the at least one service parameter option and the host protocol file and a selected host protocol from the host protocol file;~~

storing the host specific protocol configuration message in the host protocol file in memory;

associating the host protocol file with ~~a the~~ service identifier associated with the service; and

associating the host protocol file with ~~the a host type, wherein the host type is determined from either the host protocol file or a host profile file.~~

114. (currently amended) The method of claim 113 further comprising the step of transmitting the host-specific protocol configuration message to the host, wherein the host protocol file contains host specific protocol messages for configuring a host, wherein the host is associated with the host type.

115. (currently amended) The method of claim 113 wherein the processor determines the message syntax of the host-specific protocol configuration message based in part by the user input.

116. (currently amended) The method of claim 113 wherein the step of storing the host protocol file in memory comprises storing the host protocol file in a database storing a plurality of host protocol files of an enhanced services system.

117. (currently amended) The method of claim 113 wherein the host profile file contains at least one descriptor of a capability associated with ~~of a host, the host associated with~~ the host type.

118. (currently amended) A method of provisioning a service comprising:  
receiving a service indicator and a host identifier at an enhanced services server;  
identifying using the host identifier to determine a host type associated with the host, wherein the host is a device capable of processing digital video data and is associated with the host type indicating a manufacturer and a model of the manufacturer;  
determining in the enhanced services server retrieving a host protocol file associated with the host type, the host protocol file comprising a plurality of configuration commands and a plurality of associated host protocols, wherein each configuration command pertains to an operation capable of being performed in a host and each associated host protocol comprises protocol data for generating a host-specific protocol provisioning message capable of being recognized by the host for executing the configuration command, wherein the host is a device capable of processing digital video data and is associated with a host type indicating a manufacturer and a model of the manufacturer;

selecting one of the configuration commands based on the service indicator;  
using the protocol data of the the selected one of the configuration commands to derive  
the host-specific protocol provisioning message;  
~~for use in deriving a host-specific protocol provisioning message based on the service indicator and the host identifier, the host specific provisioning message determined in part by associating the host identifier to a host type wherein the host type identifies both a host manufacturer and a host model, wherein further the host file comprises a protocol file comprising host specific configuration commands used by the enhanced services server for deriving the host specific protocol provisioning message;~~  
determining a host address using the host identifier;  
sending the host-specific protocol provisioning message from the enhanced services server to ~~a~~ the host associated with the host identifier [.]; and  
executing the host-specific protocol provisioning message in the host to perform the operation, thereby provisioning the host.

119. (currently amended) The method of claim 118 wherein the service indicator and the host identifier are ~~generated furnished~~ by a provisioning input system.

120. (original) The method of claim 119 wherein the service indicator and the host identifier are conveyed by the enhanced services server to a billing system.

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121. (original) The method of claim 118 wherein the service indicator and the host identifier are generated by a billing system.

122. (original) The method of claim 118 wherein the host identifier includes the host address.

123. (original) The method of claim 118 wherein the host address is determined by accessing a table associating the host identifier with a host address.

124. (currently amended) The method of claim 123 wherein the table further associates the host type with the host address. ~~118 further comprising configuring the host associated with the host type, wherein the provisioning message is associated with the host type.~~

125. (currently amended) The method of claim 118 wherein the host-specific protocol provisioning message is sent to the host using an out-of-band channel or a DOCSIS based channel.

126. (currently amended) The method of claim 118 wherein the host-specific protocol provisioning message pertains to a digital cable service provided over a cable network , the digital cable service selected from the group of personal video recording, video on demand, telephony, or high speed data.

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127. (currently amended) The method of claim 118 wherein the host-specific protocol provisioning message enables the host to receive a second provisioning message via a DOCSIS based channel.

128. (currently amended) The method of claim 118 wherein the host-specific protocol provisioning message is determined either dynamically or statically by the enhanced services server.

129. (currently amended) The method of claim 118 wherein the host identifier is generated by the host upon activation of the host determined by mapping the cable subscriber identifier to a host address using a table accessed by the enhanced services server.

130. (currrently amended) The method of claim 129 wherein the service indicator and host identifier are provided to the enhances services server by a call center associated with a cable service provider.